

A REQUEST FOR PROPOSAL FOR PROFESSIONAL SERVICES CONTRACT

Department of Highways
Professional Services Procurement Bulletin 2018-02
Christian | KY 1682 | 2-136

This document constitutes a Request for Proposals for a Professional Service Contract from qualified individuals and organizations to furnish those services as described herein for the Commonwealth of Kentucky, Department of Highways.

I. PROJECT DESCRIPTION

County - Christian
Route - KY 1682
Item No. - 02-0136.00
Project Description - Extend KY 1682 from the E.T. Breathitt Parkway to US 68 / KY 80 east of Hopkinsville (Hopkinsville Northeast Bypass).

II. PROJECT INFORMATION

Project Manager - Renee Boucherie, P.E.
User Division - Highway Design
Approximate Fee - \$750,000 Preliminary Engineering & Environmental Services (Lump Sum)
Project Funding - Federal Funds (STP)
Project Length - Approximately 4 Miles

III. PURPOSE AND NEED

The purpose of this project is to provide a new northeast bypass route from KY 1682 to US 68 / KY 80 at the intersection with the existing US 68 Bypass on the east side of Hopkinsville. This project is needed to relieve traffic congestion and improve traffic flow around the northeast side of Hopkinsville.

IV. DBE REQUIREMENT

Consultants should include a DBE participation plan with their Response to Announcement. An additional page will be allowed with the Project Approach (page 7) in the Response to Announcement to convey this plan. A maximum of 4 points will be considered in the Evaluation Factors for the DBE Participation Plan.

V. SCOPE OF WORK

The selected Consultant will be required to provide engineering services to perform Preliminary Engineering. Preliminary Engineering includes:

- Preliminary Line and Grade plans, cost estimates, and DES (Design Executive Summary).

- Preliminary drainage design including providing advanced situation folders for structural design.
- Traffic Engineering analysis as per Design Memo 03-11.
- Environmental Services.
- Conducting Public Involvement activities.
- Gathering any necessary survey for the project area.

The selected Consultant may be required to provide Final Roadway Design and Structural Design which may be added to the contract agreement by a Contract Modification when Preliminary Engineering is complete. Final Roadway Design includes, at a minimum, preparation of joint inspection plans, drainage design, right-of-way plans, construction plans, signing plans, traffic control plans, final cost estimates, and an anticipated construction schedule.

VI. SPECIAL INSTRUCTIONS

The Department may retain any of the advertised services to be performed by in-house state forces.

Instructions for Response to Announcement can be found at:

<http://transportation.ky.gov/Professional-Services/Pages/Respond-to-an-Announcement.aspx>

VII. AVAILABLE STUDIES

[DNA Study - Christian | 2-136 | KY-1682](#)

VIII. METHOD OF DESIGN

The selected Consultant shall utilize the most recent CADD Standards for Highway Plans Policy in the development of the highway plans.

IX. ENVIRONMENTAL

The selected Consultant will provide any necessary Environmental Services. It is anticipated that the Environmental Document will consist of a Categorical Exclusion Level 3.

X. PHOTOGRAMMETRIC SERVICES

The Department will be responsible for obtaining mapping and LIDAR data. The selected Consultant shall supplement this information with conventional surveying as needed.

XI. STRUCTURE DESIGN

The selected Consultant shall do the necessary engineering service to submit to the KYTC an Advanced Situation Folder(s) for the appropriate applicable structure(s). The Structure Design may be performed by the Consultant. Structure Design services may be added to the Contract by Contract Modification. Prequalification in the area of Structure Design is required to be identified in the Consultant's Response to Announcement.

XII. GEOTECHNICAL SERVICES

The Department will provide all Geotechnical Services required for the project.

XIII. TRAFFIC

The Traffic projections and related information will be provided by the Department.

XIV. UTILITIES

The Department will provide a preliminary utility contact list, provide all utility cost estimates, as well as coordinate utility plans and relocations. The selected Consultant shall be responsible for verifying utilities involved and including the location, size, and type of utility on the plans.

XV. PREQUALIFICATION REQUIREMENTS

To respond to this project the Consultant must be prequalified in the following areas by the response due date of this advertisement:

ROADWAY DESIGN

- Rural Roadway Design
- Surveying

STRUCTURE DESIGN

- Spans under 500 feet

ENVIRONMENTAL AQUATIC AND TERRESTRIAL ECOSYSTEMS

- Fisheries
- Macroinvertebrates
- Water Quality
- Botany
- Zoology
- Wetlands

ENVIRONMENTAL ARCHAEOLOGY AND OTHER SERVICES

- Prehistoric
- Historic
- Highway Noise
- Air Quality Analysis
- Socioeconomic Analysis
- Cultural Historic Analysis
- EIS Writing and Coordination

ENVIRONMENTAL AND UST SERVICES

- Hazmat Preliminary Site Assessment (Phase I)
- UST Preliminary Site Assessment

TRAFFIC ENGINEERING

- Traffic Engineering Services

XVI. PROCUREMENT SCHEDULE

Dates other than Response Date are tentative and provided for information only.

- Bulletin Posted – August 8, 2017
- Response Date – August 30, 2017 by 4:30 PM ET (Frankfort Time)
- First Selection – September 5, 2017
- Final Selection – September 20, 2017
- Pre-Design Conference – September 27, 2017
- Fee Proposal – October 6, 2017
- Contract Negotiations – October 18, 2017
- Notice to Proceed – November 16, 2017

XVII. PROJECT SCHEDULE

- Conceptual Alternatives Meeting – February 2018
- Preliminary Line & Grade Inspection – June 2018

XVIII. EVALUATION FACTORS

Consultants will be evaluated by the selection committee based on the following, weighted factors:

1. Project approach and proposed procedures to accomplish the services for the project. (20 Points)
2. Relative experience of consultant personnel assigned to project team with highway project for KYTC and/or federal, local or other state governmental agencies. (15 Points)
3. Past record of performance on projects similar in type and complexity. (15 Points)
4. Capacity to comply with project schedule. (10 Points)
5. DBE Participation Plan. (4 Points)
6. Consultant's offices where work is to be performed. (2 Points)

For state-funded projects, if a Selection Committee vote results in a tie between two (2) firms, one (1) of which will perform more of the work tasks in Kentucky than the other, then the former firm shall be ranked one (1) place ahead of the latter.

XIX. SELECTION COMMITTEE MEMBERS

1. Renee Boucherie, P.E., User Division
2. Kevin Martin, P.E., User Division
3. Rachel Catchings, P.E., Secretary's Pool
4. Evan Dick, P.E., Secretary's Pool
5. Mark Day, P.E., Governor's Pool

XX. AREA MAP

